

### **2-2.8 Erosion Control Plans, Details, and Quantities**

#### **General**

These plan sheets show permanent erosion control measures. The locations and details of the erosion control materials shall be shown on the erosion control plans.

Erosion control materials may include, but are not limited to, compost, straw, fiber, seed, stabilizing emulsion, and erosion control blankets/mats.

Erosion control plan sheets should not be confused with temporary water pollution control plan sheets. Erosion control plan sheets show layouts and details of erosion control materials left in place beyond completion of the contract. Temporary erosion control measures are part of the temporary water pollution control work (see Section 2-2.7).

#### **Erosion Control Plans**

The project's base mapping is typically used as the background for the erosion control plans. The background information should be shown as existing (dropped out), and erosion control work is shown as solid.

The individual areas on the erosion control plan, that are to receive erosion control materials, should be identified graphically. A legend should be used to identify the different types of erosion control work. The type of erosion control and the quantity, square yards or acres, for each area shall be shown, example: 100 SQYD EROSION CONTROL (TYPE D). If more than one seed type is to be used identify type of seed, example: SEED (TYPE2).

In addition to showing environmentally sensitive areas (ESAs) on other sheets of the project plans, ESAs shall be shown on the erosion control plan sheets using symbols consistent with those used to indicate ESAs on the other plan sheets.

A legend, symbols, and list of abbreviations with their meanings should be included on the first sheet of the erosion control plans. Do not include standard plan abbreviations as part of the list of abbreviations.

Each sheet of the erosion control plans shall have the following note included on it: "THIS PLAN ACCURATE FOR EROSION CONTROL WORK ONLY."

#### **Erosion Control Details**

The details shown on the erosion control detail sheet are unique to a specific project and those for which there are no standard plans. They depict typical placement of erosion control materials, or erosion control work for special situations such as adjacent to proposed or existing structures or drainage facilities, etc.

#### **Erosion Control Quantities**

The erosion control quantity summary shall list the areas to receive erosion control materials by sheet number (EC-1, etc.) or station location references or both sheet number and station references may be used. The individual quantity for each type of erosion control should be shown in square yards or acres. The material components of the erosion control (seed, fiber, straw, compost, stabilizing emulsion, etc.) for each area shall be summarized with their associated actual (not rounded) quantities. Quantities need only to be shown to one decimal place.

The material components of the erosion control are not separate pay items and shall be indicated as such by including the symbol "(N)" in the column heading for such items and by adding the following note to the sheet:

(N) = Not a separate pay item, for information only.